

# RESIDENTIAL SWIMMING POOLS & SPAS

## CITY OF FRISCO



### PERMIT FEE(S):

- A). In-ground Pool \$100.00
- B). Above-ground Pool \$ 50.00
- C). In-ground Pool & Spa \$150.00
- D). In-ground (or) above ground spa \$ 50.00
- E). Subcontractor fees including plumbing and electrical are separate.

### PERMIT APPLICATIONS REQUIRED:

- A). Standard permit applications with information requested furnished.
- B). Electrical & Plumbing permit applications.
- C). All applications must be signed and dated.

### DRAWING SUBMITTAL PACKAGE:

- A). Plot plan showing the footprint of the pool, deck and equipment location with reference to the property line(s), setback(s) from property lines (s) and nearest dimension of the pool to the foundation of the home.
- B). Drainage shall be shown either on the plot plan or the drawing itself. Ensure that natural drainage of the lot is adhered to or note any and all deck drains or other means of capturing water to alter the flow.
- C). Design drawing showing the pool/spa/deck layout along with a dimensioned pool profiles (section).
- D). Fence location and gate swing shall be drawn on plans.
- E). Specifications indicating equipment size & type, pool/spa volume (size & gallon capacity), electrical and gas (if heated) requirements.
- F). Two complete drawing submittal packages are required. Stamped, signed and dated.
- G). Engineered drawings are required for piers and retaining walls over 36" in height.
- H). Floodway letter if required.
- I). Appropriate electric/gas company's stamp of approval shall be on all plan submittals.

**PLEASE DIRECT POOL & SPA QUESTIONS TO THE  
HEALTH AND FOOD SAFETY DEPARTMENT @ 972-335-5580 EXT. 155**

## INSPECTIONS:

### A). BELLY STEEL AND GROUND

1. Check and insure that swimming pool location is correct and that the swimming pool is three feet (3') or more from property line (from property line to waters' edge).
2. Temporary safety fencing must be in place prior to calling for this inspection.
3. Four (4) ground clamps minimum for pool, one (1) for spa.
4. All metal parts of the swimming pool, including metal of the pool's shell, metal fittings within or attached to swimming pool's structure, metal conduit and electrical equipment and motors associated with the swimming pool's water circulating system must be connected to a common bonding grid with a solid conductor not smaller than #8. This must be connected with an approved clamp in four locations to the pool's steel. The break in the swimming pool's floor must have extra steel (doubled).
5. Check and ensure that proper steel is used and is chaired. #3 bars at 12" on center minimum with 12" overlap.
6. Must have anti-siphon valve on hose bib.
7. Check plumbing in the pool and spa for protection against entrapment hazards.
8. Check for dual main drains.

### B). GAS/P-TRAP

1. Check and ensure that gas line is 18" deep with yellow 18 GA wire and has had a pressure test performed.
2. Check and ensure that back flush is connected to deep seal P-trap and correct outgoing sewer line is on. (Swimming pools with a backwash filter). (Not required on swimming pools with a cartridge filter).

### C). DECK STEEL

1. Check and ensure that diving board and all metal within 5' of water are grounded.
2. Check and ensure that steel or mesh is used in deck.
3. Check and ensure that ground wire goes to swimming pool equipment.
3. The minimum concrete thickness is 4" with maximum 2" of sand under deck.
4. Isolation joints required at foundation/ deck abutment.

### D). PRE-PLASTER

1. Permanent fencing must be in place including all gates and latches.
2. Certification of Pool Protection Device Installation form shall be on site for inspector to pick up. The inspector will pick up the original form, ie. Original signatures of all homeowner's and original notary seal.

### E). POOL FINAL

1. Check and ensure that swimming pool equipment is grounded and operating properly.

## **REGARDING POOL & SPA ENCLOSURE/SPECIFIC CODE REQUIREMENTS:**

Design and erection of the pool enclosure whether by the home builder, pool contractor, home owner or independent fencing contractor shall be in strict accordance with the 2000 International Building Code. Direction of the gate swing, latch location and height along with door alarm option must be in conformance of code.

- A). All gates shall be spring loaded self-closing and self-latching.
- B). Gates swing away from pool.
- C). Temporary fencing (if needed) must be placed before construction begins and remain standing until the Pre-Plaster Inspection at which time the permanent fence is to be erected.
- D). All yard gates must have keyed locksets, combination or keyed padlocks which shall remain locked at all times when the pool area is not in use.
- E). Barrier (fence) height shall be a minimum of 48" and a maximum of 96".
- F). For barriers in which the horizontal members of the fence are spaced less than 45" apart, the horizontal members shall be placed on the pool side of the barrier. (Pickets shall be located on the outside of the fence with the posts being on the inside). Should the pickets be located on the inside of the fence, measures shall be taken to render the fence non-climbable. For example, anti-climb bars or angled horizontal members shall be used to achieve this purpose.
- G). Any picket fence shall have vertical member spacing such that a four (4") diameter sphere shall not pass between pickets. The same requirement applies to the base horizontal member measured to the top of a hard deck surface. A two (2") space maximum if measured to a grade landscape surface (earth, lawn, gravel, etc.)
- H). Where a wall of a dwelling serves as part of the barrier, **\*\*one of the following shall apply:**
  - 1. Direct access from the living or garage area of the home to the pool area shall require that all door openings including sliding doors be equipped with self-closing and self-latching devices installed 54" or greater above the floor elevation.
  - 2. The pool shall be equipped with a power safety cover which complies with ASTM F 1346.
  - 3. Doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall reset under all conditions. The alarm shall be equipped with a manual means to temporarily deactivate the alarm for a single opening. Such deactivation shall last no more than 15 seconds. The deactivation switch shall be located at least 54" above the threshold of the door.

**\*\*A Certification of Pool Protection Device Installation form must be filled out designating the option chosen and completed. See D. Pre Plaster on previous page.\*\***

## DESIGN RESTRICTIONS:

- A). Doors and windows within 5'0" of water edge must include safety glass glazing.
- B). Diving pool depth requirements as follows:
  - Diving board height of 18" above water - 8'0" water depth
  - Over 18" above water - 8'6" water depth
  - More than 39" above water - 10'0" water depth
- C). Shallow end of a pool must be between 3'0" to 4'0" water depth
- D). Pool waters' edge must not be closer than 3'0" from any property line.
- E). Depth of any swimming pool will maintain a ratio of 1:1 from the nearest foundation.  
For example, for a depth of 6'0", the swimming pool must be located 6'0" from the nearest foundation; otherwise, an engineer drawing with stamped seal is required.

## IMPORTANT NOTES:

Ensure Building Permit card is displayed at the building location until "Swimming Pool Final" is issued.

Check all City of Frisco, Texas Ordinances before beginning any work to ensure all work is in compliance. It is the responsibility of the pool builder, developer, homeowner and all contractors to obtain updates to Ordinances and code changes.

All Swimming Pool reinspection fees must be paid before another reinspection will occur.

Revised 12/30/02 JS